

Date: Tue, 28 Sep 93 18:04:56 PDT  
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>  
Errors-To: Info-Hams-Errors@UCSD.Edu  
Reply-To: Info-Hams@UCSD.Edu  
Precedence: Bulk  
Subject: Info-Hams Digest V93 #1151  
To: Info-Hams

Info-Hams Digest                      Tue, 28 Sep 93                      Volume 93 : Issue 1151

Today's Topics:

                    Alinco 580, UHF Tx  
                    Alinco Service is Great!  
                    Alpha Bravo Charlie Delta alphabets  
                    Audio output/Freq low/Hamcomm PROBLEMS  
                    Covenants AGAIN (but now with a twist!)  
                    Expensive application  
I am back on the usenet! (not that some one really cares! :-)  
                    JOTA '93 Satellite Schedule  
                    Kenwood TH-28A  
                    Sinclair phone number  
                    THANKS! Need good/cheap place to buy ferrite chokes  
                    Yes! It's here

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>  
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>  
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available  
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text  
herein consists of personal comments and does not represent the official  
policies or positions of any party. Your mileage may vary. So there.  
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Date: 28 Sep 93 18:50:09 GMT  
From: news.service.uci.edu!paris.ics.uci.edu!csulb.edu!library.ucla.edu!agate!  
dog.ee.lbl.gov!newshub.nosc.mil!nosc!suned1!spc2ed0!kss@network.ucsd.edu  
Subject: Alinco 580, UHF Tx  
To: info-hams@ucsd.edu

I am looking for information to Mod a 580 to transmit in the 435-438 MHz  
for Sat communications. Any help would be appreciated. Why didn't Alinco  
or many other HTs have this as the norm? %-]

--KD6FOV

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kss@suned1.NSWSES.Navy.MIL kss@suned1.uucp  
Any statements / opinions made here are mine, alone, not the Navy's.  
HAVE A GOOD ONE!

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Date: 28 Sep 93 18:45:29 GMT  
From: news.service.uci.edu!paris.ics.uci.edu!csulb.edu!library.ucla.edu!agate!  
dog.ee.lbl.gov!newshub.nosc.mil!nosc!suned1!spc2ed0!kss@network.ucsd.edu  
Subject: Alinco Service is Great!  
To: info-hams@ucsd.edu

I had great success with Alinco service. My DC input was flakey from repeated use and abuse. I contacted the Alinco folks here in CA using the address information on the Manual. I actually talked to a real person who gave me instructions how to send my radio in for repair. I had to include \$35 and explained the problem, but also asked if they could do anything with the scruffy display.

Less than 7 days after I mailed the pkg, I received my radio with a new DC jack and a NEW display. No fuss No bother. Celebrate Alinco Service \*<:-)

Good Luck

-----KD6FOV.

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kss@suned1.NSWSES.Navy.MIL kss@suned1.uucp  
Any statements / opinions made here are mine, alone, not the Navy's.  
HAVE A GOOD ONE!

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Date: Tue, 28 Sep 93 08:17:58 MDT  
From: yeshua.marcam.com!zip.eecs.umich.edu!umn.edu!lynx.unm.edu!

bullwinkle.eece.unm.edu!usenet@uunet.uu.net  
Subject: Alpha Bravo Charlie Delta alphabets  
To: info-hams@ucsd.edu

In article <1993Sep25.201205.19093@infodev.cam.ac.uk> bck1@cl.cam.ac.uk (Brian Kelk) writes:

>

>Here is a collection of alphabets of the Alpha Bravo  
>Charlie Delta kind, variously known as radio alphabets,  
>phonetic alphabets and spelling alphabets.

And presented here in jest is a partial cruel, or counter-intuitive alphabet, for use with COCOT and AOS operators and other officious busybodies - the sort of people who insist that they can't refund the change you lost in their telephone without having your last three addresses, grandmother's maiden name, SSN, credit report, NCIC number, etc. And then they'll send you a credit slip good for your next call with Snake Navel Telephone and Used Auto Parts. To make them earn that quarter, simply use the cruel alphabet to spell every string.

Aesthetic  
Ctenoid  
Gnosis  
Honor  
Know  
Mnemonic  
Oedipus  
Psoriasis  
Qatar  
Tchaikovsky  
Xerxes  
Yclept

Note - for maximum confusion, spell each word by saying:  
"<letter> as in <word>" (M as in Mnemonic).

Warning - use at your own risk - insert smilies as needed. (In fact, maybe you should just use this on your friends, who might understand.)

I've set "followup-to: poster" and will gladly accept additions, corrections, and suggestions, and of course will post a summary, except of the suggestions that I depart for, uh, Snake Navel forthwith.

Hmmh - forthwith ....

Wonderful  
Tubular  
Threnody

Forthwith  
Fife and Drum Corps  
Sick Headache  
Svenstrup  
Ate  
Nyeah-Nyeah  
Tentacle

--

Denis McKeon  
galway@chtm.eece.unm.edu

-----  
Date: 28 Sep 1993 15:06:22 GMT  
From: news.graphics.cornell.edu!newsstand.cit.cornell.edu!  
newsstand.cit.cornell.edu!usenet@tcgould.tn.cornell.edu  
Subject: Audio output/Freq low/Hamcomm PROBLEMS  
To: info-hams@ucsd.edu

In article <1993Sep27.191413.1@ccsua.ctstateu.edu> ,  
white@ccsua.ctstateu.edu writes:  
>I have a Kenwood R1000 communications receiver that I am trying to use  
>with the HamComm CW/RTTY and JVFAX programs. I built the simple 741-based  
>interface for the PC's serial port. Problem is that the programs require  
>a  
>signal of 500Hz-2500Hz, and my system is apparently delivering 100Hz.  
>Is there any way that I could boost the frequency?? I obviously am not  
>well-schooled in electronics :(

How are you deciding that it is delivering 100 hz? Is that what the  
spectrum analysis mode of the hamcomm software is showing? How did you  
get the 100 hz number for starts? Any chance that it is 120 hz hum coming  
from the receiver or some power supply?ÜÜÜ.

Second, what happens when you tune the receiver. If you are in spectrum  
analysis mode, you should see the frequency of the cw or whatever moving  
up and down as you tune back and forth. Normally, you would tune the  
receiver until the tone of the desired signal moved into the window  
needed by the decoder - that's what the tuning indicators on the various  
multimode TNC's are for, and hamcom lets you use the spectrum analyser  
mode to get in the ballpark (and generally see what is going on - it's  
pretty neat). You generally want to tune CW to about 800 hz or so.  
Hamcomm lets you move the frequency of the decoding window around some if  
I remember right. (and in fact, you probably can move it down to 100 hz,  
but you shouldn't need to)

>The signal at 100Hz on the 'scope onboard HamComm follows the morse code

>that I can hear on the R1000's speaker precisely; I just need to nudge it  
>up to 500 Hz.

Sounds like you just need to tune the radio. I'm not familiar with the R1000, but I don't imagine that you have the narrow cw filter centered on 100 hz, probably more like 800 hz.

>Also, tuning noise, etc will show up across the spectrum.

Which is a good sign that the hamcom software and converter are working properly - if you get indications of frequencies up to 2.5 khz or so, then you should be able to tune the cw up into the 700-800 hz range, which is where most people like to hear it. The hamcom circuitry allows you to move the frequency at which it decodes around some too if I remember (I just lent it to a friend to try rtty , so I don't have it with me) so you can put it where your receiver works best if you have a narrow filter.

>I have been advised to try to use the RS 1K ohm center tap - to - 8 ohm  
>audio output transformer, but am unsure about how to hook it up (3 leads on  
>the 1K center tap side, 2 on the 8 ohm side) and I also don't want to  
>damage the R1000.....

You'd put the 2, 8 ohm leads to the R1000's earphone jack, and the 1 k leads to the hamcomm unit (any two should work but you want the outside ones, not the CT), but you shouldn't need to do that. The r1000 should have plenty of drive, hamcomm only needs about 100 mv to work right. The transformer won't do a thing for changing the frequency, what it will do is step up the voltage - but you shouldn't need it. In fact, if you are copying stuff at 100 hz, you obviously have enough signal. I'd forget the transformer.

>Any help appreciated. A number of HamComm "attempted" users have admitted  
>to having the same problem.

Hmmm, ran the first time for me. I've got version 2.1 and just downloaded 2.2. RTTY seems to work fine, the spectrum analyser function is really interesting on a fast machine (not so hot on a 4.77 lcd laptop, but what the heck). How fast is your computer? Are you sure you have the ports set right? You are trying to copy the cw with a BFO set on, right?

Here's a test. Connect up the system and find a strong carrier or cw signal that you can get a beat off of. Set hamcom to spectrum analyser mode. Now tune across the signal slowly and take note of the lowest and highest frequencies that hamcom shows. The signal should swoop up or down (depending on which way you are tuning) from maybe 100 hz to maybe 3000 hz, depending on how tight the filters in your radio are. Do this test

with the BFO on (cw/ssb reception, not am)

>PS - I am considering purchasing the AEA FAX II, but am worried that I will  
>have the same problem with that device... Opinions?

Sounds like just being unfamiliar with the equipment and needing a little explanation of how to use it right. You might have something wrong in the 741 circuit, but it's pretty simple - all it does is square up the incoming signal so the computer can count the zero crossings easier. But double check it anyway. Then let us know what you get with the above check.

I think your R1000 should work fine with any of these systems as long as it can tune in 100 hz or smaller increments and has a BFO.

FWIW.

73 de Kevin, WB2EMS

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Date: Tue, 28 Sep 1993 18:16:02 GMT  
From: usc!howland.reston.ans.net!usenet.ins.cwru.edu!news.csuohio.edu!  
vmcms.csuohio.edu!P1782@network.ucsd.edu  
Subject: Covenants AGAIN (but now with a twist!)  
To: info-hams@ucsd.edu

I can only assume that one of the other motivations for the restrictons in sub-developments (besides protection of homeowners' investments/property values) is that in a new development a developer can have the cable company provide the cable to each individual huse or unit. No doubt the cable company is willing to provide this free construction work in exchange for the restrictive covenant.

The cable companies have established a near monopoly on provision of the tv sig nals to the end user at the tv set. The networks will have a difficult time at this point fighting them.

On the other hand my municipality is 'reasoanbly' tolerant (...but NO towers!). I however have found it a ham's challenge to build a 40 to 10 meter dipole, 160 meter long wire, 40 meter loop (..well almost), 20 meter dipole, 80 meter vert. and a host of 2 meter and 440 antennas in the attic and around the yard so that no body knows what they are (bird feeder, burglar alarm, etc).

Although I do find that part of the challenge, I would like to get my satelllite array up!

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Date: Tue, 28 Sep 93 12:47:15 GMT  
From: walter!porthos!dancer!whs70@uunet.uu.net  
Subject: Expensive application  
To: info-hams@ucsd.edu

In article <CE0nzD.Dz7@hpuerca.atl.hp.com> edh@hpuerca.atl.hp.com (Ed Humphries) writes:

>steve.gross@cencore.com (Steve Gross) writes:

>

>(stuff deleted - idea for ARRL to:)

>

>>maintained a list of licensed real estate agents who were also  
>>licensed Amateurs. If nothing else, these agents would probably  
>>understand why a ham might be more concerned about restrictive  
>>covenants than the average home buyer, not to mention things like  
>>HAAT, and at best they might even be able to direct the ham to  
>>properties in areas where no such restrictions exist.

>

>Only problem is that \_mostly\_ (ignore buyers agents as a distinct  
>minority and not available everywhere anyway) real estate agents  
>work for the \_seller\_ NOT the buyer.

Actually, you'd be even more correct in saying that the real estate agents work for themselves. The agents will do whatever they can to gain the sale. If that means leaning on a seller to come down in price because the agent knows you (the buyer) want a certain house, but won't go above a certain limit, that's what the agent will do. Bottom line for the agent is...no sale = no commission.

> When we were moving to the  
>Atlanta area we simply asked the agent we were dealing with if  
>she new about amateur radio (she did, a friend was one) and told  
>her we didn't want any properties with antenna restrictions. But  
>she could only deal with such things as were "known". I.e. it was  
>impossible for her to know about all the possible covenants and  
>restrictions and community and governmental and home-owners  
>association restrictions, etc. Ultimately that kind of detail is  
>up to the buyer.

Frankly, I'd have gone to another real estate office. If the agent was too lazy to research the properties to verify they met your needs...no restrictions, then she really couldn't want your business that much. Certainly, the final determination as to there being no restrictions rests on the buyer AND the nuyers attorney, but if your contract of sale contains a clause which voids the contract if there is/are restriction(s), then the real estate agent will be much more selective in what she shows you initially.

> We did ask the sales rep in each development for  
> any restrictions and they were all up front with us (talking about  
> new sub-divisions here, so the builders rep could reasonably be  
> expected to know). Where they had latitude to allow antennas,  
> they gladly told us so; they wanted the sale after all!

As above, I wouldn't trust anyone's word alone. I'd be sure to have it stipulated in the contract of sale.

Standard Disclaimer- Any opinions, etc. are mine and NOT my employer's.

-----  
Bill Sohl (K2UNK) BELLCORE (Bell Communications Research, Inc.)  
Morristown, NJ email via UUCP bcr!cc!whs70  
201-829-2879 Weekdays email via Internet whs70@cc.bellcore.com  
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Date: Tue, 28 Sep 93 15:58:43 GMT  
From: walter!porthos!grover!kss@uunet.uu.net  
Subject: I am back on the usenet! (not that some one really cares! :-)  
To: info-hams@ucsd.edu

wow! finally, i have setup shop and am back on the usenet.

one small thing to report. i got my new call kb8pqi (was kb8fav)  
the same day as the letter from arrl vec asking for a copy of the  
same. so, the system does work!

now my renewed waiting for the advanced call begins! since now, i am  
in new jersey, this is going to be a '2' call....right?

73  
krishna  
kb8pqi (was kb8fav)

-----  
Date: 28 Sep 1993 22:51:57 GMT  
From: munnari.oz.au!comp.vuw.ac.nz!newshost.wcc.govt.nz!  
WALKER\_D%kosmos.wcc.govt.nz@network.ucsd.edu  
Subject: JOTA '93 Satellite Schedule  
To: info-hams@ucsd.edu

The use of OPTUS for JOTA weekend has been confirmed. The satellite will provide circuits to connect up cities within VK and to ZL.

Each circuit uses TWO satellite hops (all circuits routed thru Belrose,



Sydney), so beware of tthe delay on the path.

The New Zealand end will be connected to the National System (UHF). Try to leave at least a couple of seconds between overs to give the repeaters ttime t activate / deactivate (there more than 20 rpters linked together on the ZL side).

The following schedule arrived on packet the other day:

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Date: 28 Sep 93 18:52:45 GMT

From: news.service.uci.edu!paris.ics.uci.edu!csulb.edu!library.ucla.edu!agate!  
dog.ee.lbl.gov!newshub.nosc.mil!nosc!suned1!spc2ed0!kss@network.ucsd.edu

Subject: Kenwood TH-28A

To: info-hams@ucsd.edu

I just bought a TH-28A for my wife and am interested in comments about this radio. I should have asked before but took the chance. Appears most comments are on the 78. :-(

--KD6FOV

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kss@suned1.NSWSES.Navy.MIL kss@suned1.uucp

Any statements / opinions made here are mine, alone, not the Navy's.  
HAVE A GOOD ONE!

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Date: 28 Sep 93 23:01:56 GMT

From: ogicse!hp-cv!sdd.hp.com!col.hp.com!derek@network.ucsd.edu

Subject: Sinclair phone number

To: info-hams@ucsd.edu

I have a Sinclair Radio Laboratories Duplexer that needs a part. Does anyone have a phone number for them?

Derek Toeppen  
WA0ZTI  
derek@col.hp.com

-----

Date: 28 Sep 1993 12:12:08 -0400  
From: panix!not-for-mail@nyu.arpa  
Subject: THANKS! Need good/cheap place to buy ferrite chokes  
To: info-hams@ucsd.edu

In <287cla\$ie3@panix.com> jlee@panix.com (John Lee) writes:

>HI,

>I've posted this in rec.audio/rec.video and did not have much luck. Maybe  
>I'll have more luck here.

>-----

>Does anyone knows a good(cheap :)) mail order place to get ferrite chokes?  
>Radio Shack has the round cylindrical type for \$5 and rectangler snap  
>together type for \$8 (for 2).

>I'll be using them for my stereo components'  
>connects and speaker wires(to cut interference), so they should probably be  
>at least 0.25" in inner diameter. I also have the catalog from Mouser, but  
>the ferrite beads they have are too narrow in diameter to let a wire thru.

>Any suggestions/comments relating to this is welcome.

>Thanks in advance.

>John  
>jlee@panix.com

=====

Thanks to all of you that replied. Thanks again.

John  
jlee@panix.com

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Date: Tue, 28 Sep 1993 15:08:32 GMT  
From: dog.ee.lbl.gov!agate!howland.reston.ans.net!sol.ctr.columbia.edu!  
usenet.ucsf.indiana.edu!silver.ucsf.indiana.edu!djadams@network.ucsd.edu  
Subject: Yes! It's here  
To: info-hams@ucsd.edu

Greetings! Well...I got home and opened my mailbox to find  
an envelope from the FCC! Just call me N9UXU. I was sitting in the house

thinking how cool it was when the door bell rang...UPS...delivering my HW-101!!! Too cool for words! All I need now is a key and a antenna/tuner setup (hopefully supplied at the hamfest this weekend) and I'm on the air!

Dave

PS - 9 weeks with an ARRL VE team!

73 de N9UXU...ah bliss...

David J Adams Internet: [djadams@silver.ucs.indiana.edu](mailto:djadams@silver.ucs.indiana.edu)  
Amiga User and Flow Cytometry Advocate  
Looking for a Kenwood TS520s and a mobile 2m rig  
Conure Society of America. "Push the button Frank"

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Date: Tue, 28 Sep 93 13:12:57 GMT  
From: walter!porthos!dancer!whs70@uunet.uu.net  
To: info-hams@ucsd.edu

References <CDtH1w.It8@cbnewsc.cb.att.com>,  
<1993Sep25.152045.2712@n5ial.mythical.com>, <CE0twI.7JE@cbnewsc.cb.att.com>  
Subject : Re: FCC Preempts scanner laws for amateur transcievers

In article <CE0twI.7JE@cbnewsc.cb.att.com> k9jma@cbnewsc.cb.att.com  
(edwin.m.schaefer) writes:

>However, what they don't see, they don't act on - so I don't put it where  
>they are likely to see it. The point is to avoid attracting attention  
>- to blend into the background. Note that most of my suggestions are to  
>refrain from doing something you might otherwise do that would attract  
>attention - and how is the enforcer to know that has happened?

>

>I think this problem extends beyond personal risk management. The last  
>thing hams need is for enforcers generally, who already have begun to  
>propose laws restricting use of some kinds of communication equipment, to  
>notice ham radio in the course of their daily work - lest they add that to  
>the list things we must give up for the war on ... Just another  
>consideration to keep in mind.

>Ed Schaefer

K9JMA ham radio

N97178 aviation

In another post, someone also suggested not be as worried about local police as they might be of federal officials. They suggested if the feds were in the area to avoid attention until they were gone. That's fine, but you're not likly to even know the feds are in your area. Federal investigations

don't exactly announce their presence to the public.

As to Ed Schafer's comments above, I don't see any real threat from the police because of ham radios. The CB crowd went through a spurt of police over enforcement when CBs first came into widespread use, but that's all disappeared. 15-20 years ago there were numerous stories of police stopping cars with CBs and "allegedly" charging the driver with violation of some law/police interference for broadcasting the location of a speed trap, etc. To the best of my knowledge, the final outcome was dismissals because there's no way to prove the transmission overheard by a cop originated from any individual vehicle (sure, with sophisticated equipment it is possible, but not if the only evidence is the cop heard somebody broadcast his location on channel 19 and "assumed" your vehicle was the source..)

Frankly, some of the reasons behind the unbridled power as exercised by some police is the fact that we, the public, fail to confront the abuses. We take a "let someone else do it," position.

That's fine for those that choose to live their lives in such a state of fear, I'll not sit idly by and let that happen to me. Before we changed the scanner law in NJ, it was a technical violation, even for a ham to have an extended receive 2m transceiver in a car. I did it all the time, and I would have gladly been a test case if necessary. That's why we have organizations such as ARRL to turn to. In fact, during the push to overturn the old NJ scanner law, we had a ham being prosecuted for violation of the law. He was represented by a volunteer counsel, and if costs were to be off set, I'd have happily donated to the defense.

Anyway, to each his own. If, despite your legal right to do so as a ham, you choose to operate in a "low profile" mode, that's your right. For me, and I hope many others, I'll not shy away from doing that which I'm legally permitted to do because of fear of the police.

Standard Disclaimer- Any opinions, etc. are mine and NOT my employer's.

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Bill Sohl (K2UNK) BELLCORE (Bell Communications Research, Inc.)  
Morristown, NJ                      email via UUCP                      bcr!cc!whs70  
201-829-2879 Weekdays              email via Internet              whs70@cc.bellcore.com  
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Date: Tue, 28 Sep 1993 14:37:33 GMT  
From: agate!howland.reston.ans.net!darwin.sura.net!gatekeeper.es.dupont.com!  
esds01.es.dupont.com!SHEARER%esvx19.es.dupont.com@ames.arpa  
To: info-hams@ucsd.edu

References <CDJ662.LF0@fms.com>, <pschleck.748370121@cwis>,  
<CDMA@L.71p@seastar.org>,<markh-210993134349@marketingmac2.miro.com>EAR  
Reply-To : shearer@esvx19.es.dupont.com  
Subject : Re: Any MARS Members???

>> > >I'm interested in chatting with any MARS members.

Stephen Shearer, WB3LGC, Navy-Marine Corps MARS, NNN0KON  
ex - GAI/2 (Delaware)  
ex - ASI/2 (Region One)  
enjoy portable operation as NNN0DAE -- ART station

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Date: 28 Sep 93 23:09:42 GMT  
From: ogicse!hp-cv!sdd.hp.com!col.hp.com!fc.hp.com!jws@network.ucsd.edu  
To: info-hams@ucsd.edu

References <1993Sep28.125830.900@rsg1.er.usgs.gov>,  
<1993Sep28.140908.21129@cs.brown.edu>, <1993Sep28.223619.5788@news.nd.edu>  
Subject : Re: 6 weeks 1 day!

I doubt the VEC's are selling names/addresses. The info is free from the FCC.  
Why would HRO and others pay for what they can get for nothing?

John, NK0R

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End of Info-Hams Digest V93 #1151  
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